

**In the United States Patent & Trademark Office**

<b>Applicants: S. Banerjee et al.</b>	<b>Examiner: N. Yang</b>
<b>Serial No.: 10/034,727</b>	<b>Group Art Unit: 1641</b>
<b>Confirmation No. 1379</b> <b>Filed: 12/26/2001</b>	
<b>For: Directed Assembly of</b> <b>Functional Heterostructures</b>	

**Preliminary Amendment**

Commissioner for Patents  
PO Box 1450  
Alexandria VA 22313-1450

Dear Sir:

Please enter the claim amendments set forth on the enclosed claim listing. These claims are not anticipated/nonobvious in view of Kain et al. and Anderson et al., as neither reference sets forth that opposed planar surfaces have recesses for accommodating encoded beads (there is no opposed planar surface in either, facing the fiber optic wells disclosed in those references). The support for such recesses is in the application at para. 69 of the published application.

Respectfully submitted,

By:

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Applicant hereby petitions for any petition required to make this submission timely and in compliance with applicable rules. The Commissioner is hereby authorized to charge any fees due in connection with this submission and not otherwise covered by payment included herewith, or to credit any overpayment, to Deposit Account No. 502088.